

ABSTRACT

A method is disclosed for screening potential catalysts for polymerization performance. The method includes the steps of reacting a potential catalyst with at least a first monomer under polymerization conditions, determining the polymerization performance of the catalyst with the at least first monomer, and using the determination as a predictor for the polymerization performance of the catalyst for at least a second monomer, wherein the first and second monomers are different from each other and the first monomer is an olefin other than ethylene. The method provides a useful, concrete and tangible result that has particular value for identifying appropriate catalysts for olefin polymerization and copolymerization.